

Converting Colors

Decimal(12094924)

Have a look what the booklet for
Decimal(12094924) contains.

Decimal(12094924)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12094924)

Conversions

Conversions Part 1

Format	Color
Hex	B88DCC
RGB	184, 141, 204
RGB Percent	72%, 55%, 80%
CMY	0.2784, 0.4471, 0.2000
CMYK	0.10, 0.31, 0.00, 0.20
HSL	281°, 38%, 68%
HSV	281°, 31%, 80%
XYZ	40.1911, 33.5997, 61.4938
YIQ	161.0390, 5.4050, 28.7090

Conversions

Conversions Part 2

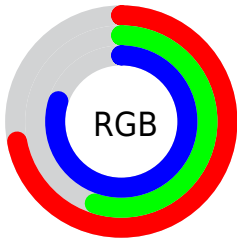
Format	Color
RYB	184, 141, 204
Decimal	12094924
CIELab	64.64, 27.69, -26.28
CIELCh	65, 38.173, 316.498
Yxy	33.5997, 0.2971, 0.2484
Android (android.graphics.Color)	4290285004 (0xFFB88DCC)
YUV	161.0390, 21.1798, 20.1368
Hunter-Lab	57.9653, 22.3265, -22.3235

Details

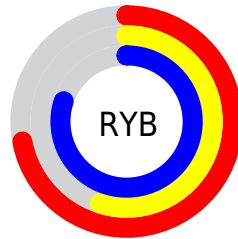
The Decimal color **12094924** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10603661**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **15844351**, and **8542870** is the 20% darker color. If you saturate the color by 10%, you get **11696588**, and if you desaturate by 10%, it is **12493260**.

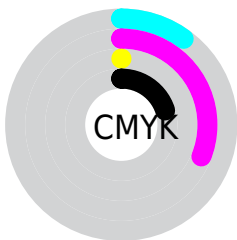
Distribution



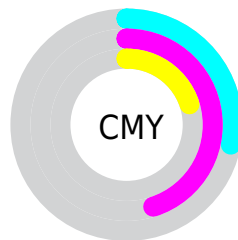
- Red (72%)
- Green (55%)
- Blue (80%)



- Red (72%)
- Yellow (55%)
- Blue (80%)



- Cyan (10%)
- Magenta (31%)
- Yellow (0%)
- Black (20%)



- Cyan (28%)
- Magenta (45%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12094924 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 12094924 by changing the saturation by 10% instead.

 12094924

 12094924

16777215

 10318768

 15844351

 8542870

 16769023

 6832764

 16776447

 5188450

 3609930

 2162739

 30

 0

 12094924

 12094924

■ 11696588

■ 12493260

■ 11232460

■ 12957388

■ 10834124

■ 13355724

■ 10369996

■ 13819852

■ 9971660

■ 14218188

■ 9507788

■ 14680012

■ 9109708

■ 15073228

■ 15531980

■ 15925196

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9018078



12094924



13993134

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12094924



12621146



44975

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



12094924



10603661

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5025420



12094924



10527066

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12094924



14125677



8038765



44237

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12094924



14582423



8038765



2207651

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



12094924



16312575



9282252



8089984



0



8421504

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



12094924



14787071



13405634



6511718



7405734



1703974

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



13405601



16753087



9292952



6708319



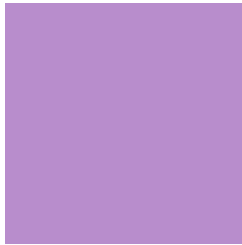
10879029



2490380

Previews

White Background



This preview shows how the Decimal color 12094924 looks on a white background.

Color Contrast Check

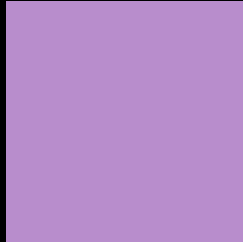
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 12094924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

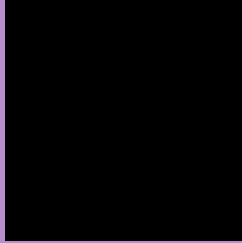
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 12094924 Background



This preview shows how black text looks on a background with the Decimal color 12094924.




This preview shows how white text looks on a background with the Decimal color 12094924.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
11638177

Trichromacy



Original Color
12094924

Protanomaly
10262226

Deuteranomaly
10655178

Tritanomaly
11834033

Monochromacy



Original Color
12094924

Achromatopsia
10592673

Achromatomaly
11115185

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12094924 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B88DCC looks like.

```
.text, #text, p{  
    color:#B88DCC  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B88DCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B88DCC
}
```

Border

The CSS property to change the border of an element to Decimal 12094924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

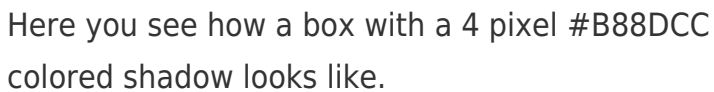
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B88DCC }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B88DCC }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #B88DCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B88DCC; -webkit-box-shadow:4px 4px  
4px 4px #B88DCC; box-shadow:4px 4px 4px  
4px #B88DCC }
```

Background

The CSS property to change the background color of an element to Decimal 12094924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B88DCC }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B88DCC }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor